



Bibliography

MATHEMATICS & COMPUTER SCIENCE

The purpose of this bibliography is to help you locate information on mathematics and computer science through the use of carefully selected reference sources available in the Kinlaw Library. Should you have any questions, please do not hesitate to ask a Reference Librarian for help.

INDEXES

INDEX *General Science Index*. Print: 1978 - 1994
 Online in WilsonWeb OmniFile 1984 to date.

The print version of the Index consists of subject entries to periodical articles arranged in one alphabet. The articles indexed in the online version can be searched by typing in subject headings or keywords. Subject fields indexed include mathematics.

ONLINE *Proquest Research Library: Sciences Module*. 1971 to date.

The Research Library features a highly-respected, diversified mix of scholarly journals, trade publications, and magazines. This combination makes it one of the broadest and most inclusive databases. Search periodicals on subjects such as agriculture, biology, chemistry, computers, engineering, physics, and more in this module. This subject-specific module provides access to a large number of full-text titles (over 250) in the sciences, many not found in any other database.

ONLINE *Proquest Computing*. 1988 - present

This database contains some full text, and indexing from 335 journal titles. Search top computing journals for research on subjects such as database design, software development, web commerce, LANs, WANs, Intranets, and the Internet.

DICTIONARIES & ENCYCLOPEDIAS

Computer Science

Ready Ref
004.678
I57
Yf *Encyclopedia of Internet Technologies & Applications*. 2008.

REF
004.03
R64e *Encyclopedia of Computers and Computer History*. 2 vols. 2001

REF
004.03
L26d *Dictionary of Computer Science, Engineering, and Technology.* 2001

REF
004.03
H25d *The Dictionary of Computing and Digital Media.* 1999.

REF
384.03
M85d *Desktop Encyclopedia of Telecommunications.* 2nd ed. 2000.

REF
621.38
N48t *Newton's Telecom Dictionary.* 15th ed. 1999.

Mathematics

REF
510.3
N46p *Penguin Dictionary of Mathematics.* 2003.

REF
510.3
W45c *CRC Concise Encyclopedia of Mathematics.* 1999.

REF
510.3
F32d *Facts on File Dictionary of Mathematics.* 1999.

REF
510.3
E53 *Encyclopedic Dictionary of Mathematics.* 2nd ed. 2 vols. 1987.

REF
510.3
S38w *The Words of Mathematics.* 1994.

HANDBOOKS

REF
510.212
C72h *CRC Handbook of Mathematical Sciences.* 6th ed. 1987.

REF

- 510.212
C72s *CRC Standard Mathematical Tables and Formulae*. 29th ed. 1991.
- REF
510.212
G6t *Table of Integrals, Series, and Products*. Rev. ed. 1980.
- REF
510.8
Ab83h *Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables*. 1964.
- REF
620
D67e *Engineering Handbook*. 1996.
- REF
620.00151
K87h *Handbook of Applied Mathematics for Engineers and Scientists*. 1991.
- REF
355.343
J26c *Cyber Warfare & Cyber Terroism*. 2008.

BIOGRAPHICAL RESOURCES

- REF
925.1
B56 *Biographical Dictionary of Mathematicians*. 4 vols. 1991.

STYLE MANUALS

- Ready Ref
808.0666
C66s *Scientific Style and Format*. 6th ed. 1994.

ONLINE CATALOG

If you are interested in finding other materials on these subjects, you may want to search the Library's online catalog. One way to search for materials is by subject heading. To do this, double click the icon labeled "Online Catalog," select "Subject Browse" from the drop down box, and type in your subject of interest. Here are a few possibilities:

Computer Science

Internet (Computer network)
Computers

Mathematics

Differential equations
Mathematical analysis

Programming languages (Electronic computers)
Object-oriented programming (computer science)

Mathematics -- Study and teaching

If you would like to learn more about searching on the online catalog, please see a Reference Librarian for assistance at the Reference Desk.

DEWEY CLASSIFICATION

If you would like to browse the Library's stacks for books on these subjects, the following listing of call numbers might help get you started in the right area.

Computer Science

004 Data processing, Computer science
005 Computer programming, programs, data
006 Special computer methods
600 Technology
620 Engineering

Mathematics

511 General principles of mathematics
512 Algebra, number theory
513 Arithmetic
515 Analysis
516 Geometry
519 Probabilities & applied mathematics

JOURNALS (only current subscriptions are listed)

Titles marked with * are also full text in either Ebsco, WilsonWeb or Proquest.
Titles marked with – are full text directly from the publisher.

Computer Science

-*Christian Computing Magazine*(only online)
**Communications of the ACM*
**Dr. Dobb's Journal*
**Network Computing*
**PC World*

Mathematics

**American Mathematical Monthly*
**The Mathematics Teacher*
**School Science and Mathematics*

Created: 7/98
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